

FIGURE 1

Retrieve the full-length sequence of a gene of interest from databases

Select the sequence after the translational stop codon as 3'U

## Mask repetitive sequences within the 3'UTR using a computer software

BLAST search human transcriptome, all human transcripts, to identify a unique sequence within the 3'UTR

Design a pair of primers within the unique sequence using a primer design software

FIGURE 2

FIGURE 3

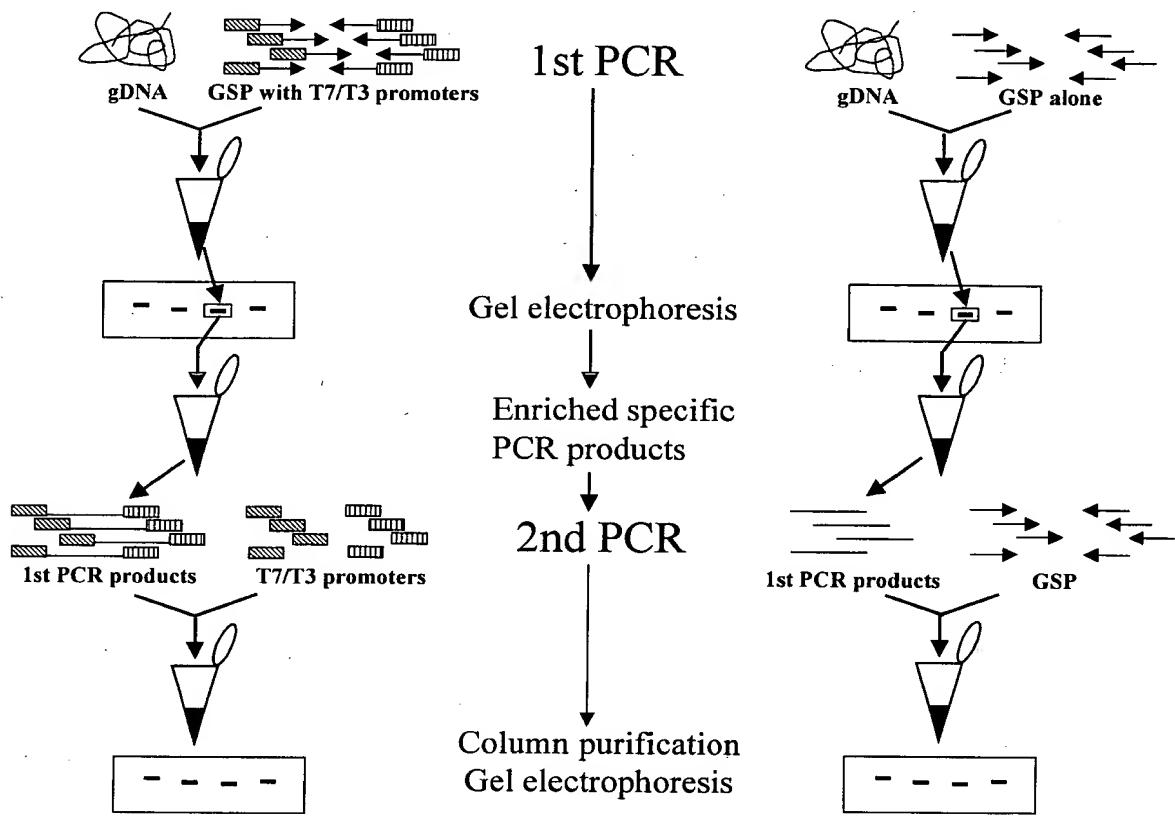


FIGURE 4

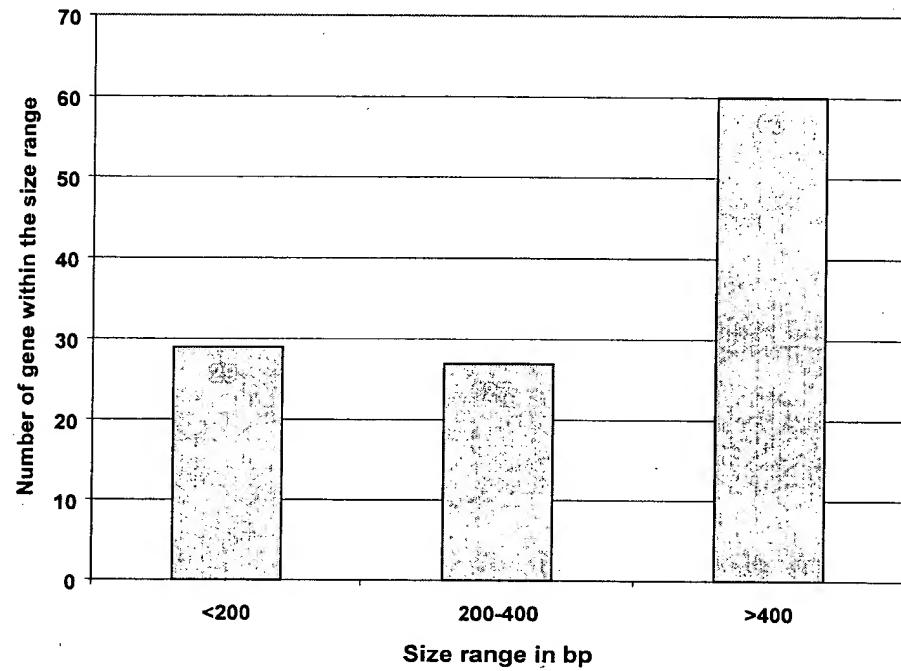


FIGURE 5A

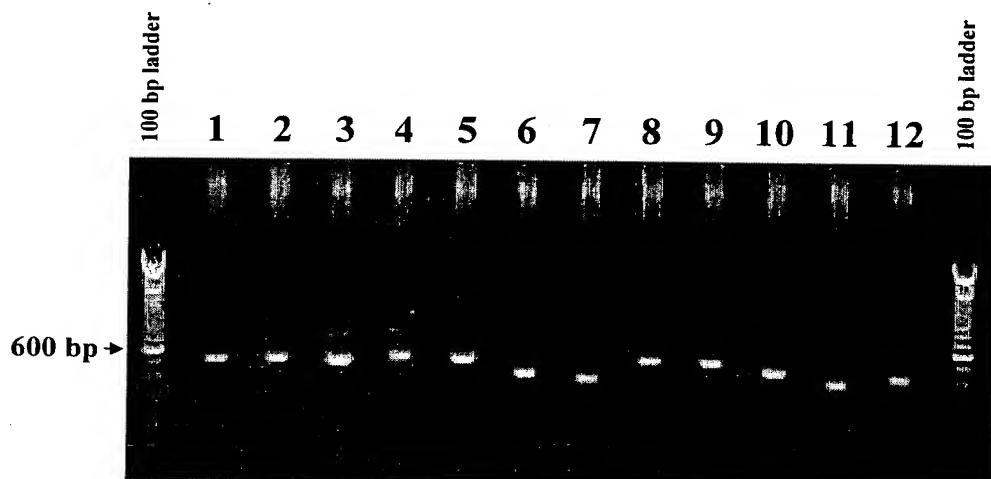


FIGURE 5B

